

NEW-YORK DAILY TRIBUNE, THURSDAY, OCTOBER 27, 1864.

Trial of the 20-inch Gun at Fort Hamilton.

The trial of the great gun at Fort Hamilton took place yesterday. This gun is the largest ever cast, and its success marks an era in the history of heavy ordnance. In order that our readers may have some idea of the magnitude of the gun, we give its dimensions, etc.:

Weight of the gun when first cast.....	180,000 lbs.
Weight of the gun when finished.....	116,073 lbs.
Length of gun.....	3 in.
Diameter at breech.....	5 ft. 4 in.
Diameter at muzzle.....	2 ft. 10 in.
Length of carriage.....	29 ft.
Height of carriage.....	8 ft.
Width of carriage.....	36,000 lbs.
Length of trunnions.....	16 in.
Diameter of trunnions.....	18 in.

Notwithstanding this immense weight of metal, so nicely is its mechanism adjusted that eight men can move the entire service, loading, traversing, elevating, etc.

Brig.-Gen. HOWE, experimental ordnance officer, and Major J. S. BODMAN had the general direction, while the mechanical working of the gun was under the charge of Capt. R. BUFFINGTON, of Governor's Island.

Some delay was occasioned by the stoppage of the vent, which had to be cleared before anything further could be done. To accomplish this Mr. W. M. MCGRAL, Superintendent of the Fort Pitt Foundry, where the gun was cast, went *inside the gun*, and remained there some fifteen minutes, hard at work with an auger, until, finally, all was clear. Two or three percussion caps were now snapped to try if all was right. A charge of fifty pounds of powder was next put in, but, proving insufficient to fill the chamber, it was withdrawn, and a charge of one hundred pounds substituted. This charge gave only a very moderate report, and the recoil of the gun was less than one inch.

A bag of hay was next procured and inserted in the muzzle of the gun, and on this a 50 lb. cartridge was placed, and both rammed home. The ball, weighing 2,070 lbs., was next rolled in the gun leveled point blank, and discharged, the ball striking the water some 4 miles from shore and ricochetting five times, finally sinking at a distance of nearly a mile and a half.

Your reporter then, by invitation of Mr. MATTHEWS, firm of SILLMAN, MATTHEWS & CO., Old Slip, went on board the steamer Helen Augusta, and steamed some 2 miles from shore, to witness the effects of the shot. But we had miscalculated. The huge mass of metal, driven by 100 pounds of powder, with the gun at an elevation of 12 degrees, went whizzing over our heads, striking some four miles beyond us, throwing up a huge mass of water to a great height. This ended the business of the day.

Among the distinguished gentlemen present were Gen. DYER, Chief Army Ordnance Bureau; Col. H. A. WHALEY, Chief Navy Ordnance Bureau; Com. H. H. CIRKEL, Brig.-Gen. HOWE; Major J. S. BODMAN; Major VAN VLIET, Quartermaster of New-York; Gen. W. S. (Baldy) SMITH; Com. ROGERS of the Weehawken; Capt. E. H. BUFFINGTON; A. H. EMMETT of the Ordnance Bureau; Charles KNAPP, eng.; proprietor Fort Pitt Iron Works; W. METCALF, eng.; Superintendent Fort Pitt Iron Works; Peter COOPER; F. S. COZZENS of Washington; ORION BLANTON, and many others.

The trial of the gun is not yet complete; but from the results so far, no one doubts that it is a complete success. It has been christened the "Brother Jonathan."

THE AMERICAN BIBLE UNION.—The fifteenth anniversary of the American Bible Union was held yesterday in the Broome-st. Baptist Church. At the morning session, the Rev. Dr. ARMITAGE, President of the Union, accepted the Chair, and after some devotional exercises, the various Committees were appointed, and the meeting adjourned. At ten o'clock the meeting was again called to order, and the proceedings opened by reading of the Scriptures, and prayer by the Rev. W. H. CHAPMAN, of the First Church.

Isaac N. HALL, of New-Jersey, was appointed Assistant Recording Secretary.

The following is the report of ELEAZAR PAYNELL, Treasurer of the Union, which was presented to the meeting:

Oct. 5, 1864.—To cash paid as follows:
Balance due the Treasurer last year..... \$150.22
Interest on balance..... 1.00
Colportage and Soldiers' Scripture Distribution..... 300.00
Total Circumlocution and Bible Union Quarters..... 300.00
Home and Foreign Mission, &c., by donars' request..... 313.46
Bible Scriptur..... 142
German Scripture..... 100.00
Expense of the Sec. and Treas. 9,000.00
Commission and Director's Certificates..... 33.25
Agents' Salaries and Expenses..... 4,122.59
Rent of Offices and Managers' Rooms..... 317.50
Salaries of Officers..... 2,395.00
General Contingencies, Exchange, &c. 43.21

C.R.
By cash received from all sources..... \$30,187.69
Balance due the Treasurer..... 1,100.75

\$30,308.44

The following officers were elected for the ensuing year:

Rev. Thomas Armitage, D.D., President, with a list of forty-five Vice-Presidents, representing the various States in this and other countries; W. H. WYCKE, LL.D., Corresponding Sec'y; Rev. A. C. BROWN, Vice-Pres. of New-York; Dr. T. G. THOMAS, Vice-Pres. of N. England; Dr. T. Smith, Auditor; New Managers chosen: Rev. H. MATTHEWS, Rev. A. F. MORAN, Wm. J. CONNOLY, to fill vacancies, and for three years hereafter; J. A. THOMAS, Rev. A. N. GILBERT, Dr. A. MARSHALL, W. H. FREDERICK, Dr. W. H. HARRIS, Dr. J. H. EDDY, Dr. D. B. STANLEY, Rev. W. H. HARRIS, Dr. J. H. TURNER, Dr. W. H. CHAPMAN, Dr. J. H. TURNER, and J. H. TURNER.

In ARMISTICE then delivered the annual address, and the Fifteenth annual report was read by W. H. WYCKE, LL.D., and the meeting adjourned after appointing the following committees:

German Scripture—Rev. Wm. A. N. GILBERT, C. C. WILLIAMS, Wm. REED, E. TOWNSEND, D. C. WOODWARD,

Spanish Scripture—Dr. G. BREWER, H. HARRIS, JEFFERSON, Dr. J. H. SAXBY, W. C. PHILLIPS,

Stimose Scripture—John DUSEY, J. H. BOLEY, W. S. RAMSEY, M. BEIDEN, NATHAN WARDNER,

English Scripture—James CONNOLY, C. W. WATERHOUSE, T. W. VOLMAN, CHARLES WALKER, CHARLES GRACE,

West African Scripture—Rev. DR. MATTHEWS, D. W. RICE, O. SANKEY, JOSEPH

Scriptures for Soldiers—W. W. EVERTS, L. H. WRIGHT, J. E. JONES, A. S. MONTGOMERY, J. H. COOPER, C. C. WILLIAMS, J. S. MCGOWAN, W. A. CAMPBELL, W. H. PENN, W. H. BLIGHAMAN, J. C. WIGGINS, E. GREENWOOD.

Revised New Testament—W. CALHOUN, J. STEVENS, H. P. SMITH, A. HARRIS, S. BEELEY,

Logos—H. HUTCHINGS, E. S. RAYMOND, J. HARTWELL, A. C. HARRIS, C. G. GREEN, T. H. COOPER,

Obituary—T. DEAN, WM. H. HALL, THOMAS A. TAYLOR, C. BRINKHOF, J. H. W. HALL.

ETHAN ALLEN, Assistant United States District Attorney, having just returned from a stamping tour in the western part of this State, speaks to night at Peckskill.

(Advertisement.)

DR. W. H. GREGG.—Dear Sir: I have been engaged for a long time with what physicians call Diseases of the PROSTATE and HYSTEROSPIRATOR, and was unable to obtain any relief until I used CONSTITUTION WATER, which began to produce its curative effect after taking one or two doses, and my man can be more grateful than I am that the results having suffered all that a man could suffer, and live; and rather than be deprived of the medicine, I would be willing to pay FIFTY DOLLARS bottle for it.

It has not only cured me, but several other officers in my district have been cured by it, and I would recommend everybody suffering from any disease of the kidneys to use Constitution Water.

RICHARD LUSH,

Sergeant 15th Ward Police.

NEW-YORK, Dec. 30, 1861.

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and all druggists.

(Advertisement.)

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COL. BENJ. A. WILLIS,

COL. R. B. CARPENTER, of Ky.

CORNERS.—THE Hon. H. N. GOULD,

W. W. COOPER, of N.Y.

NEW-YORK LANDING.—(See HENRY H. BROWN)

WHITE PLAINS.—(See J. C. GARNETT, of N.Y.)

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